FIG. 1

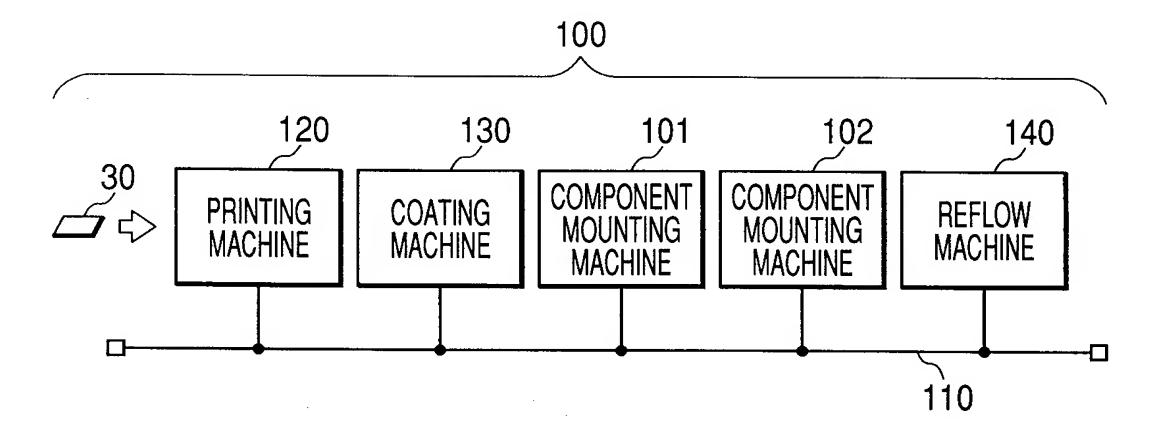


FIG. 2

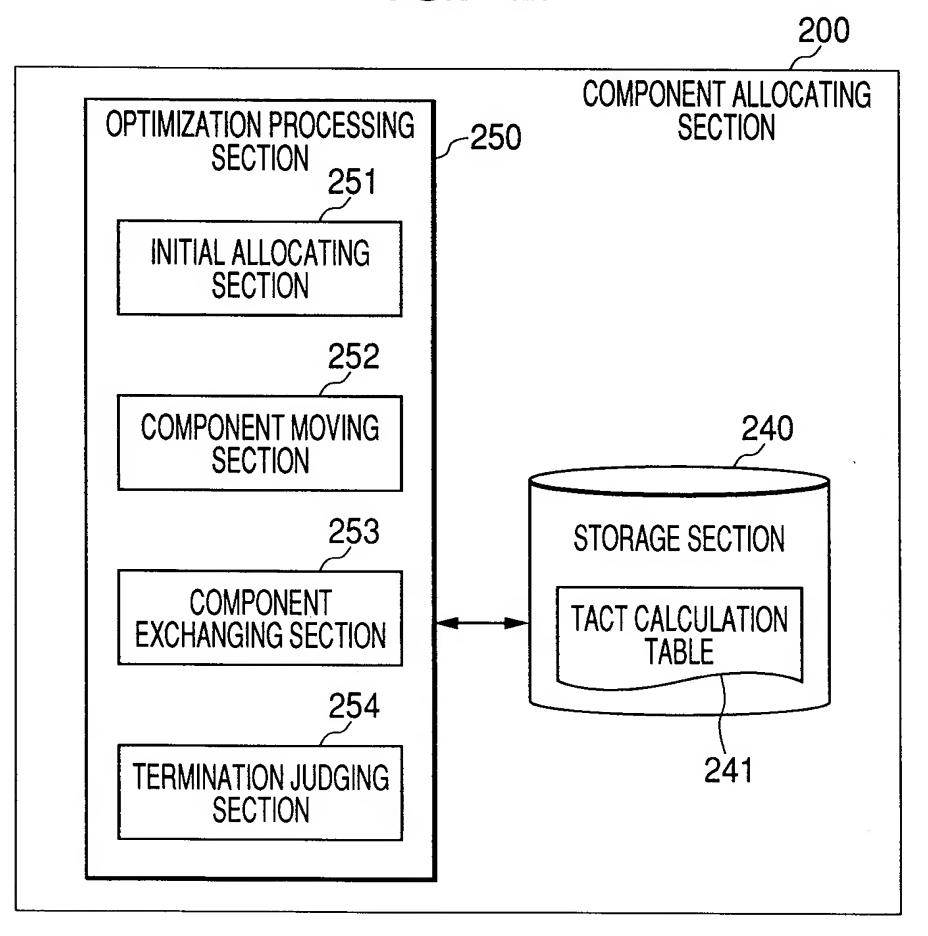
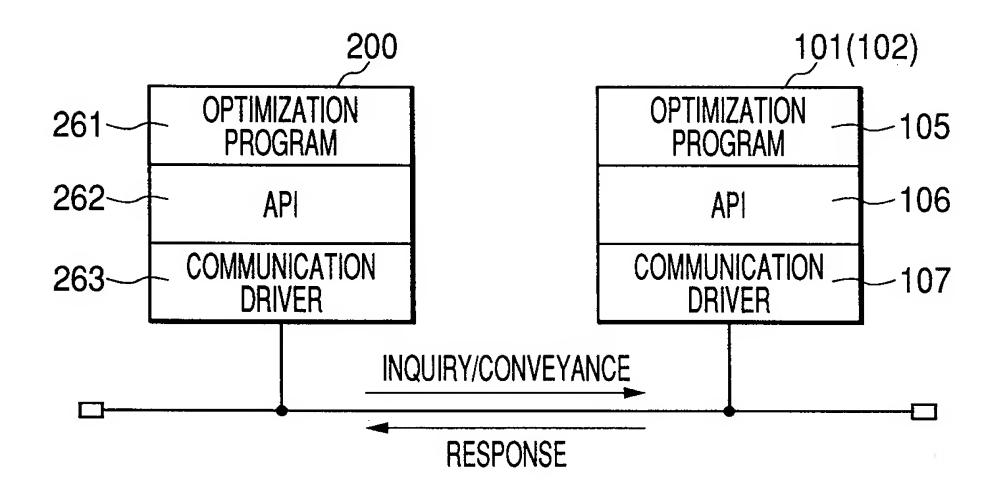


FIG. 3



## FIG. 4

•

NAME OF API	MEANING
TransInfo()	COMPONENT ALLOCATING DEVICE CONVEYS VARIOUS INFORMATION SUCH AS MOUNTING POSITION INFORMATION, MOUNTING CONDITION, RESTRICTION CONDITION, TO COMPONENT MOUNTING MACHINE
MakeSetupValid()	COMPONENT ALLOCATING DEVICE MAKES INQUIRY OF WHETHER OR NOT MOUNTING OF SPECIFIED COMPONENTS IS POSSIBLE, TO COMPONENT MOUNTING MACHINE
OptimizeSetup()	COMPONENT ALLOCATING DEVICE MAKES INQUIRY OF MOUNTING TACT ETC. IN CASE THAT SPECIFIED COMPONENTS WERE MOUNTED, TO COMPONENT MOUNTING MACHINE



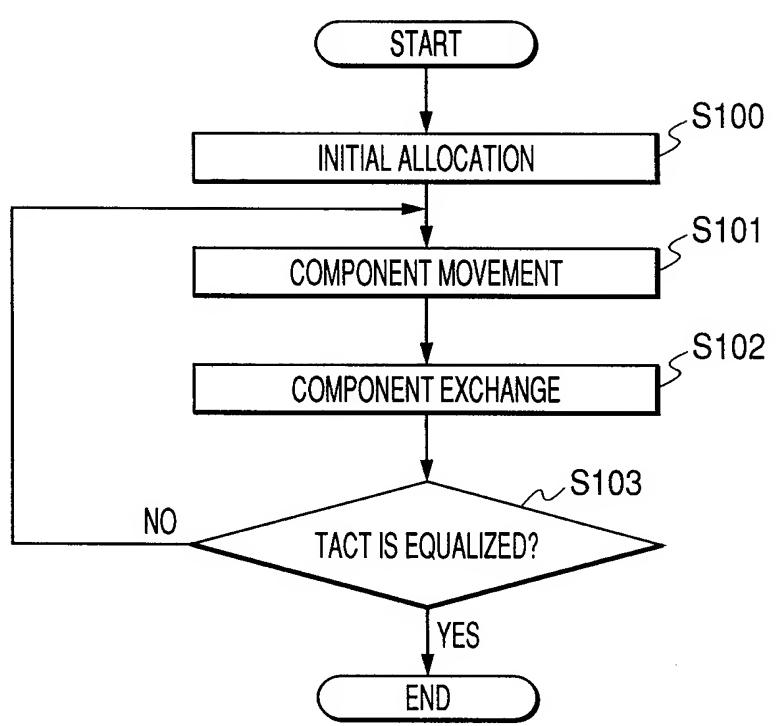
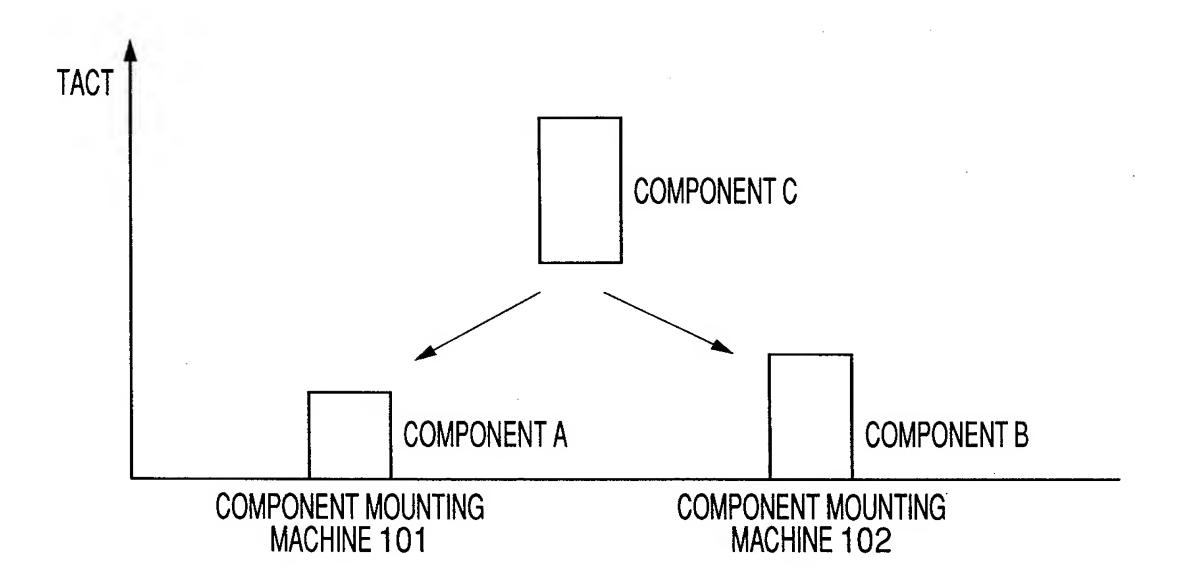
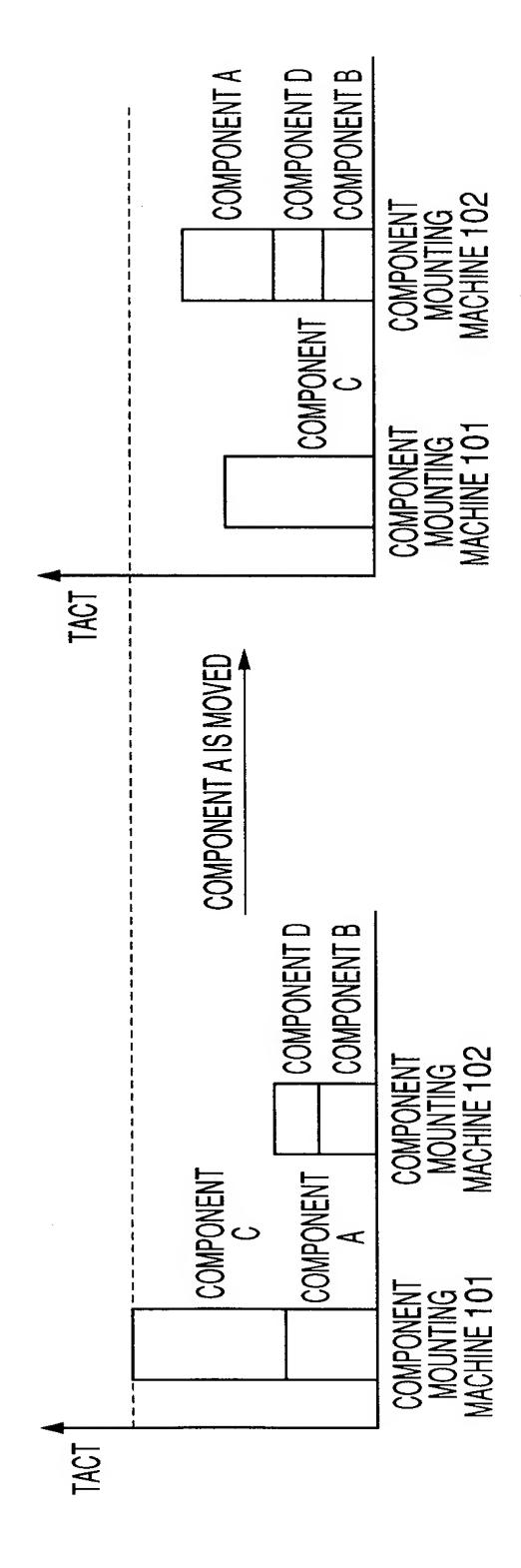
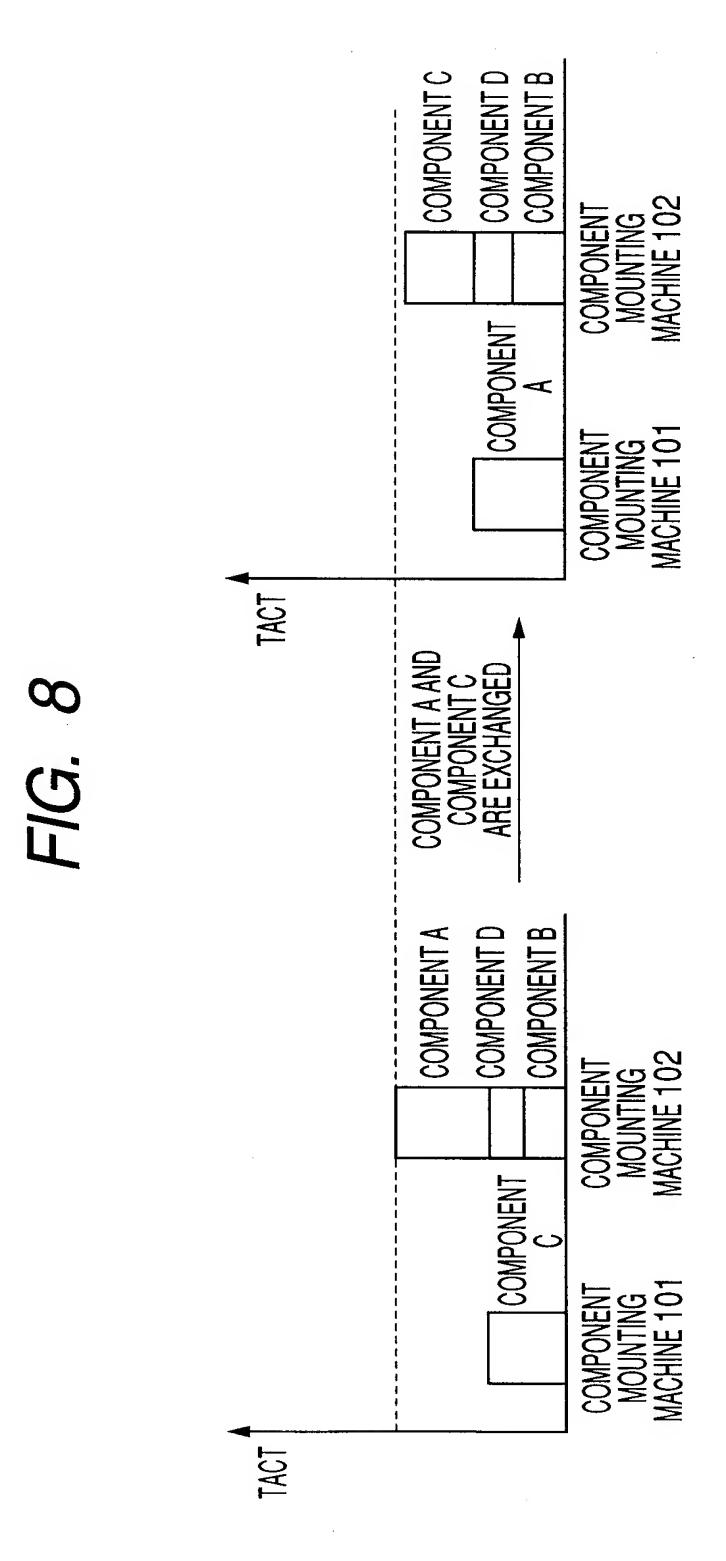
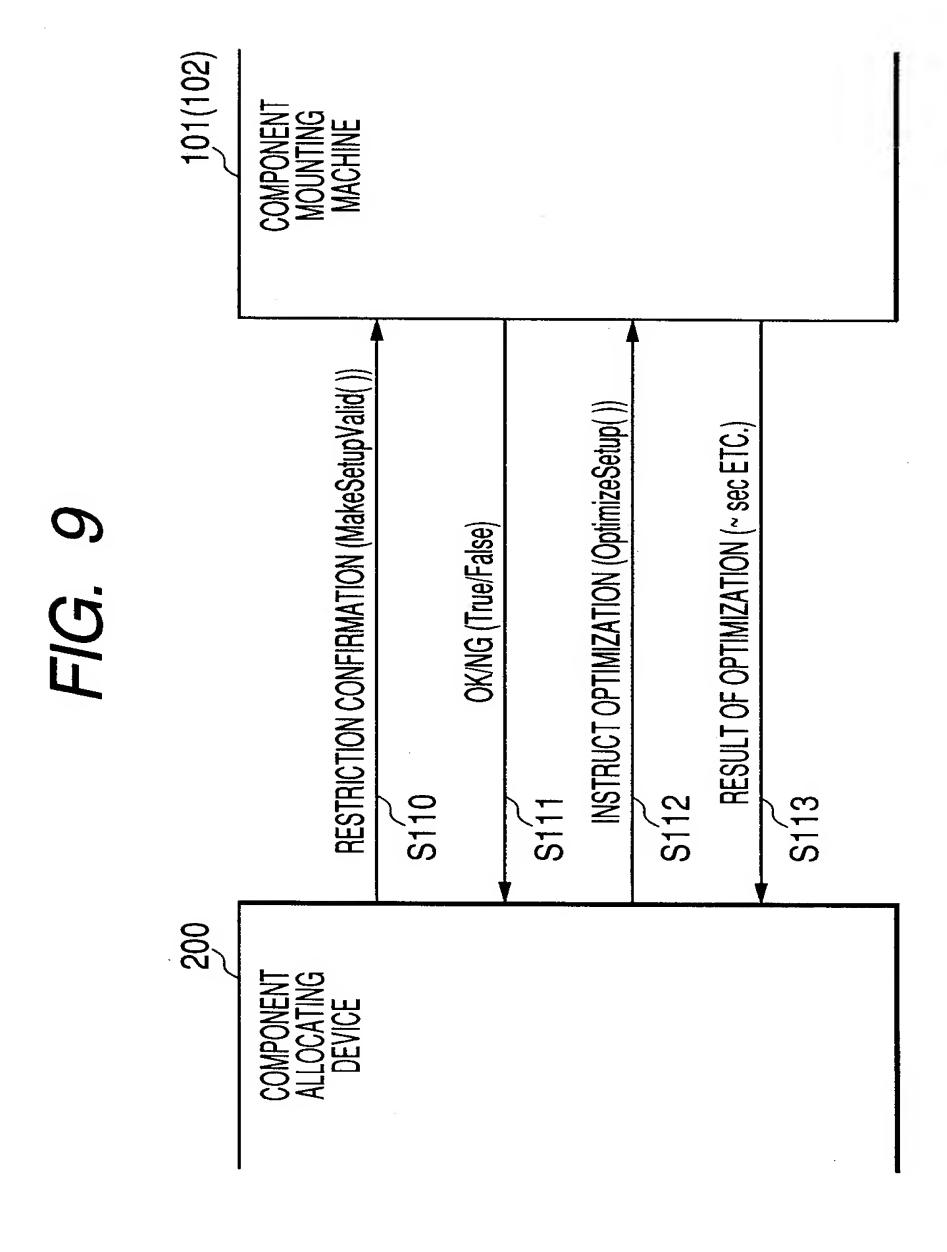


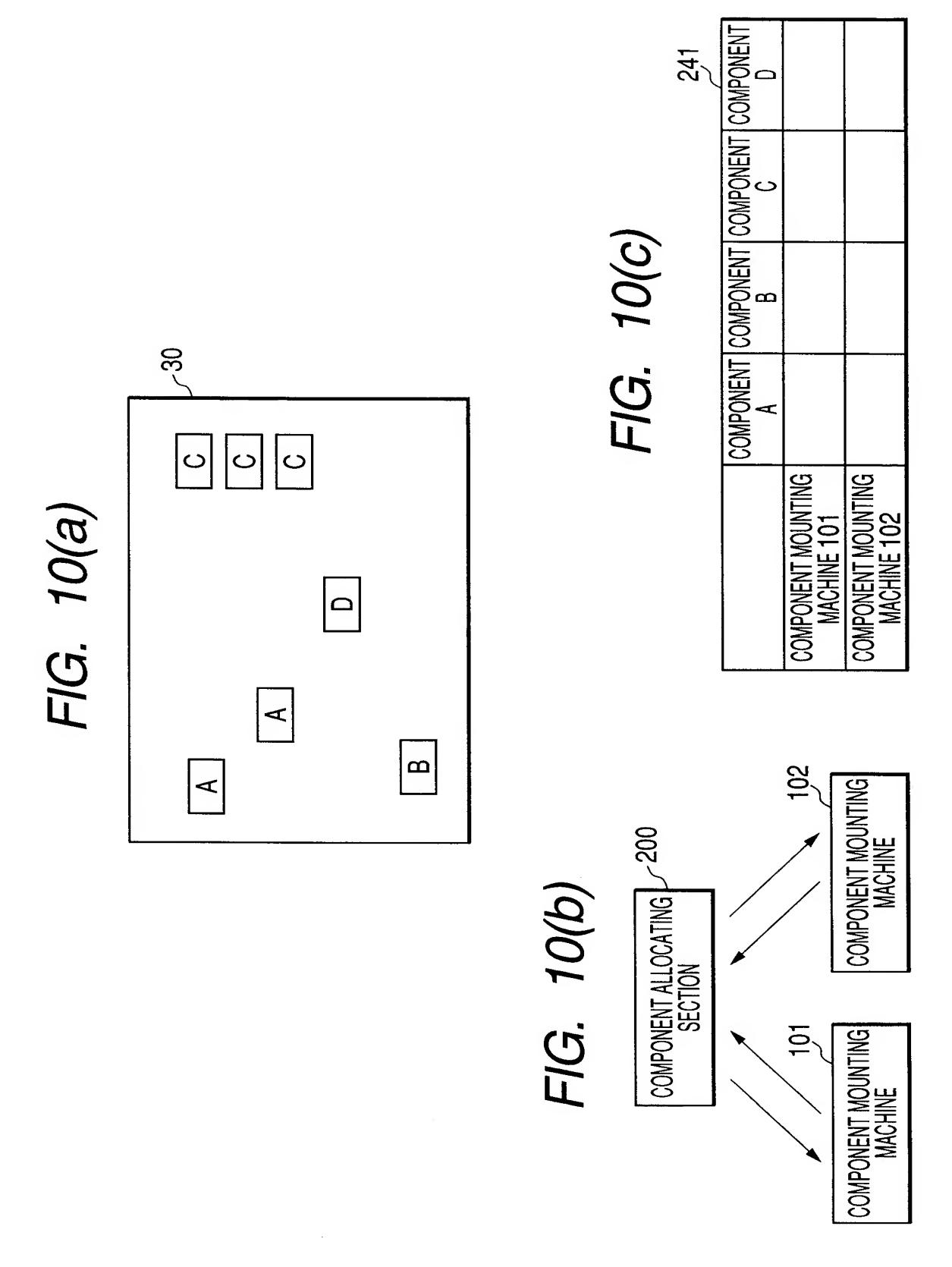
FIG. 6

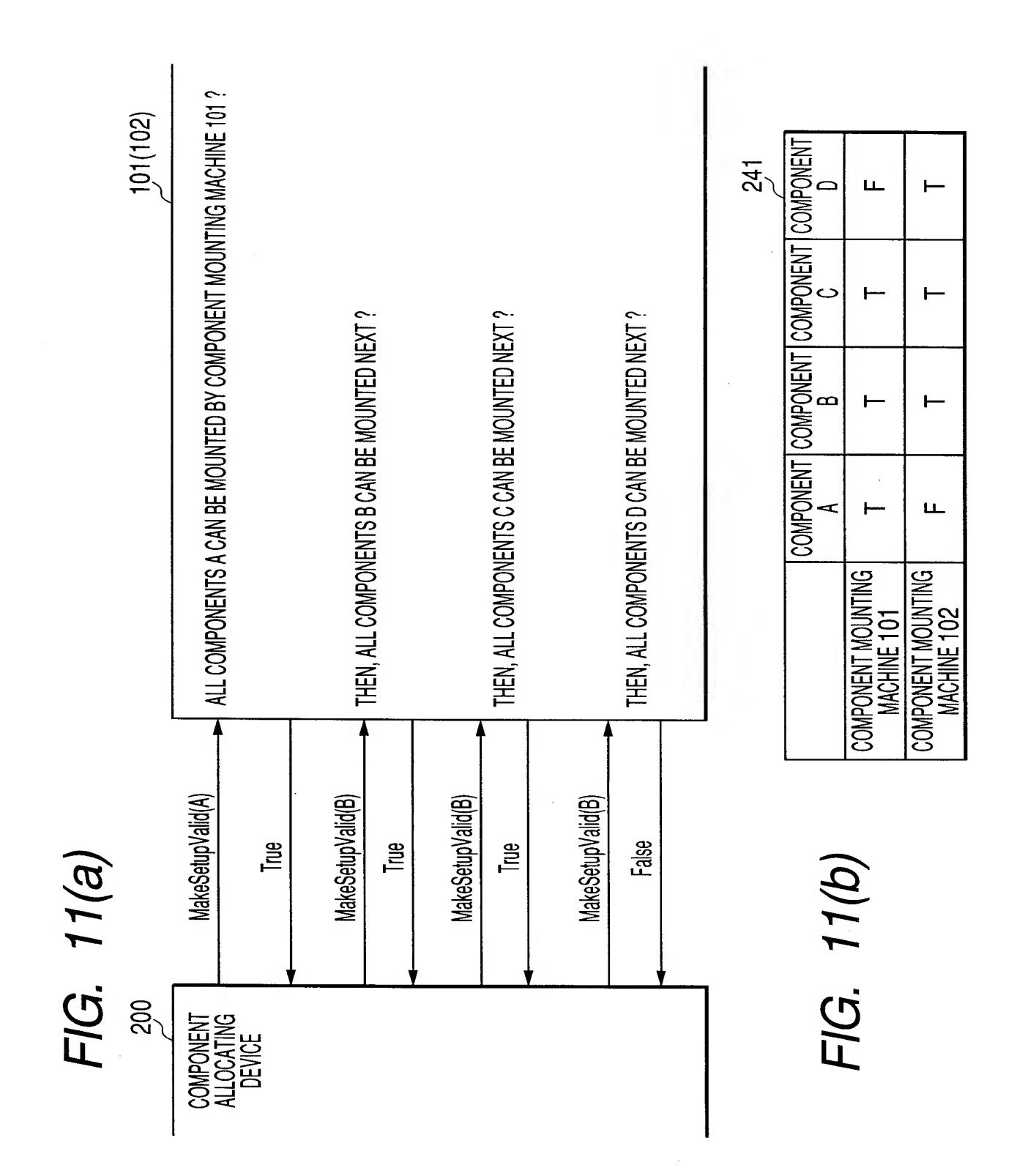












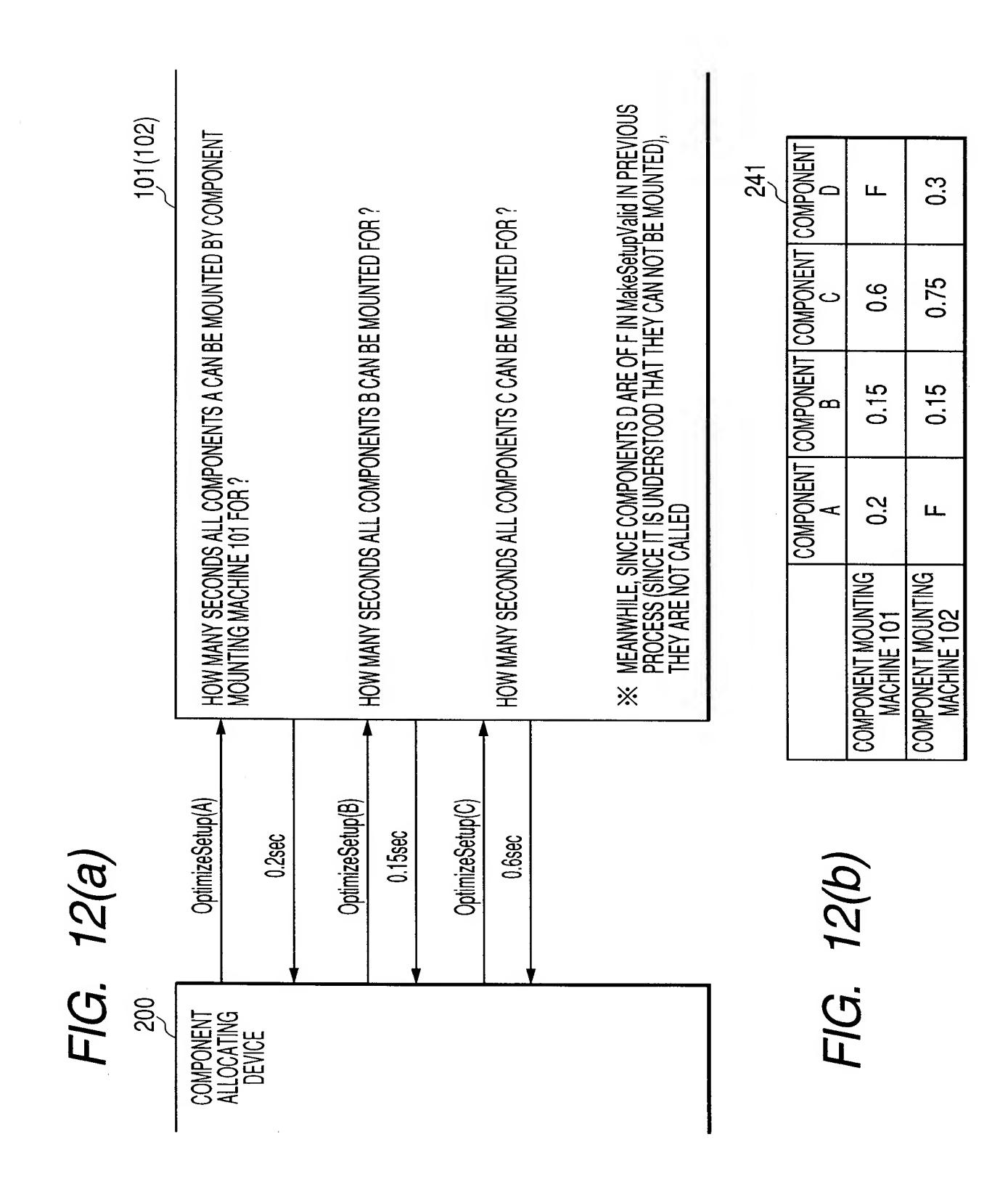
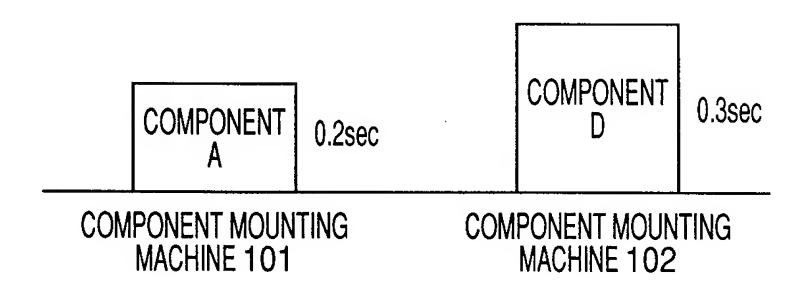


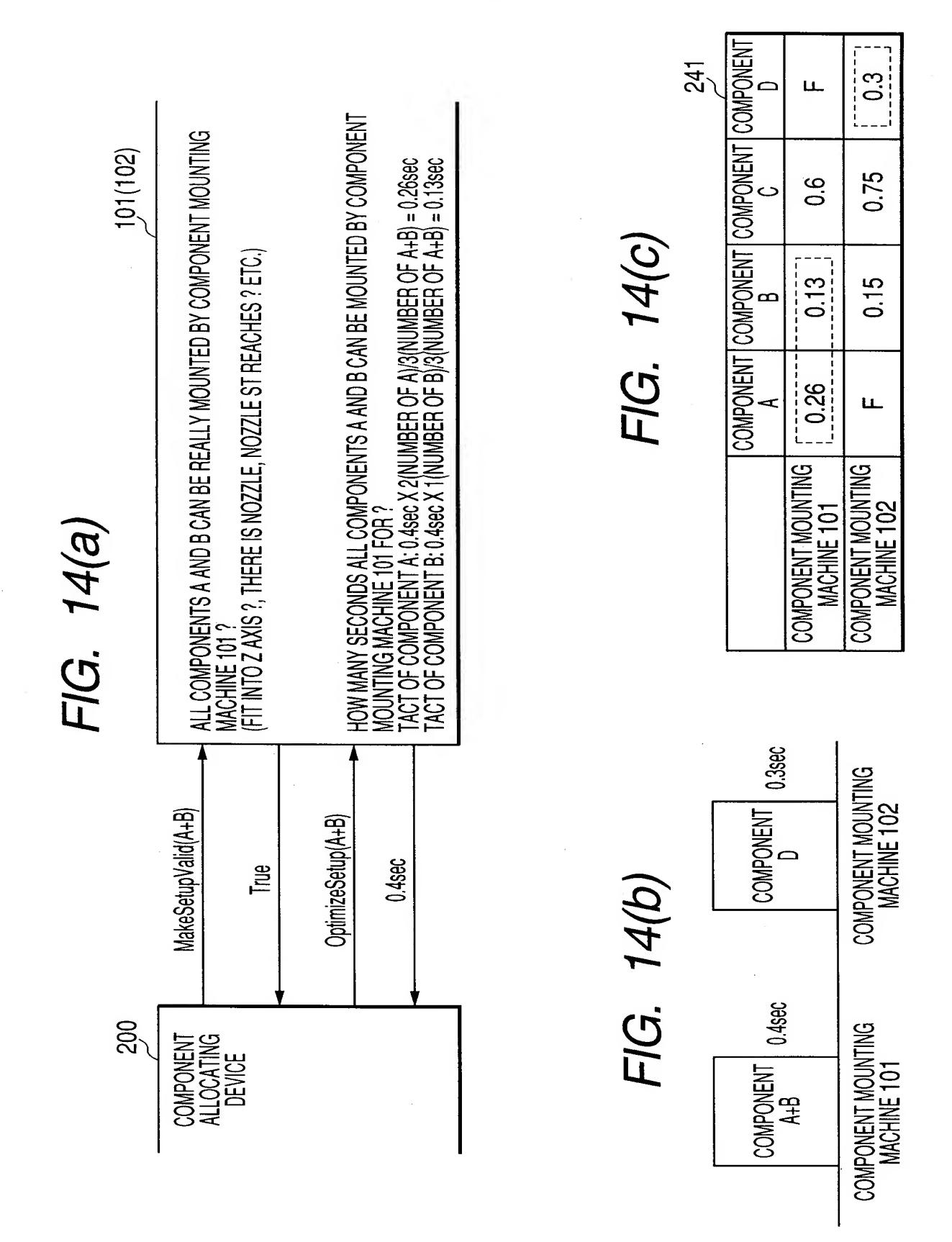
FIG. 13(a)



## FIG. 13(b)

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	COMPONENT A	COMPONENT B	COMPONENT C	COMPONENT D
COMPONENT MOUNTING MACHINE 101	0.2	0.15	0.6	F
COMPONENT MOUNTING MACHINE 102	F	0.15	0.75	0.3



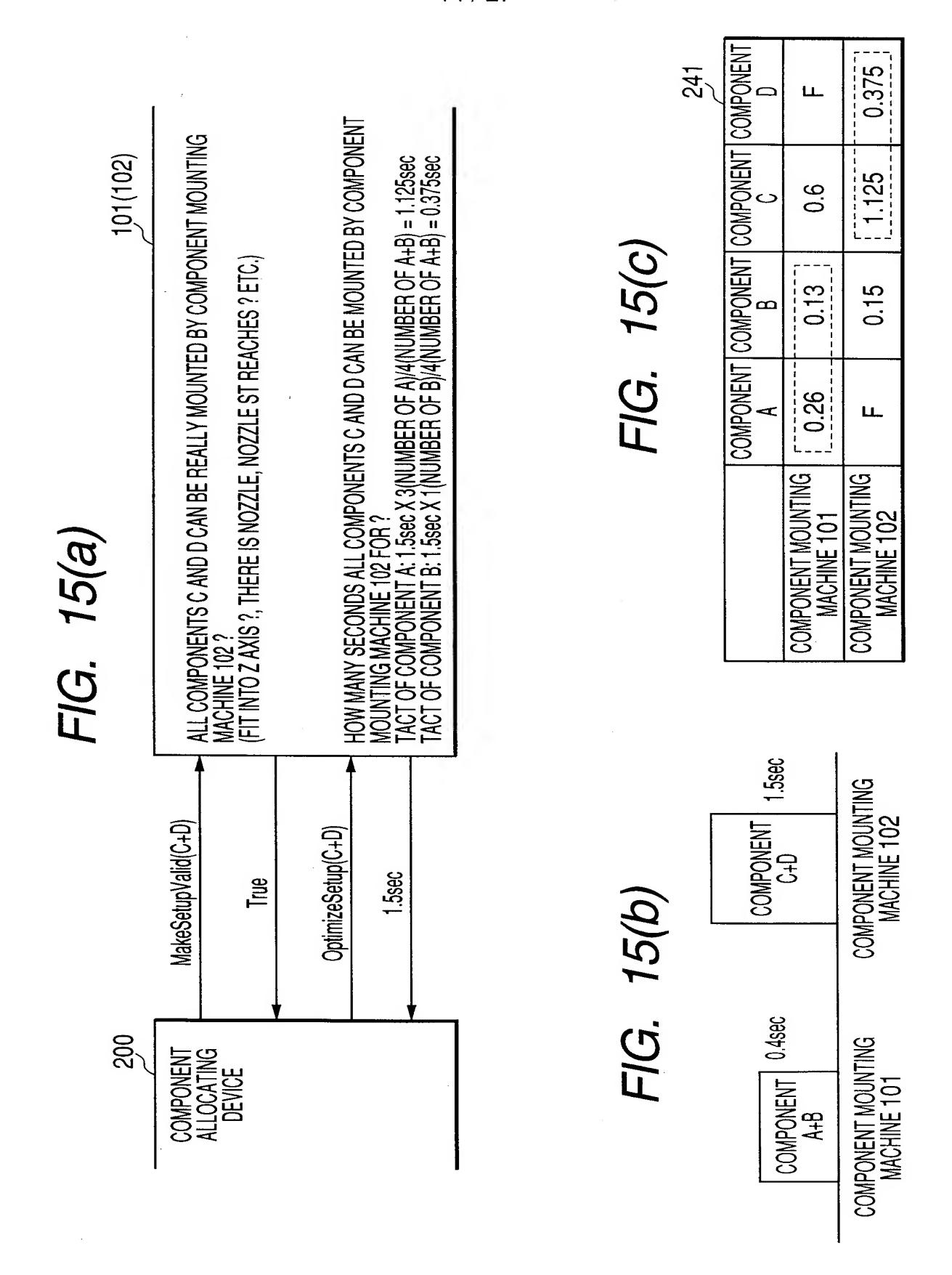


FIG. 16(a)

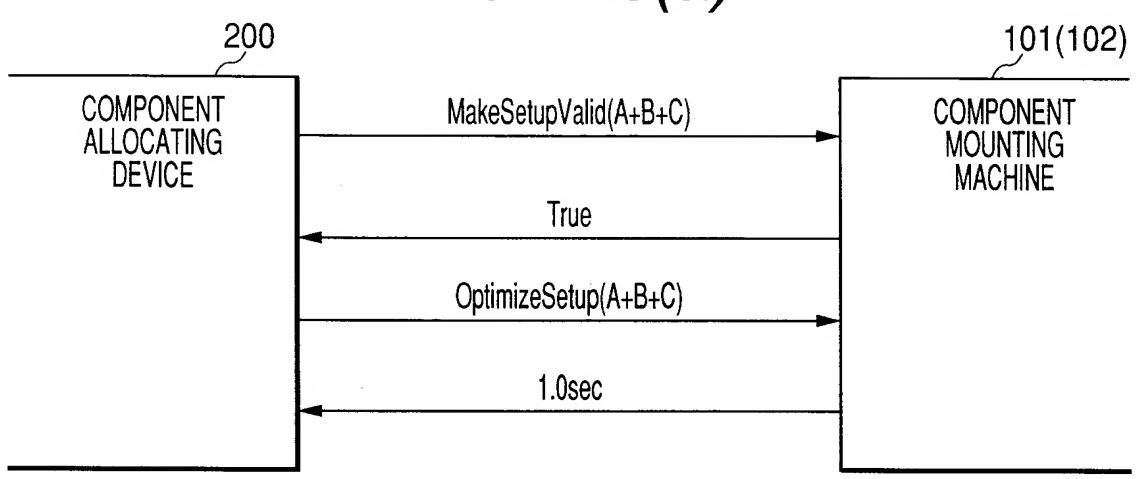


FIG. 16(b)

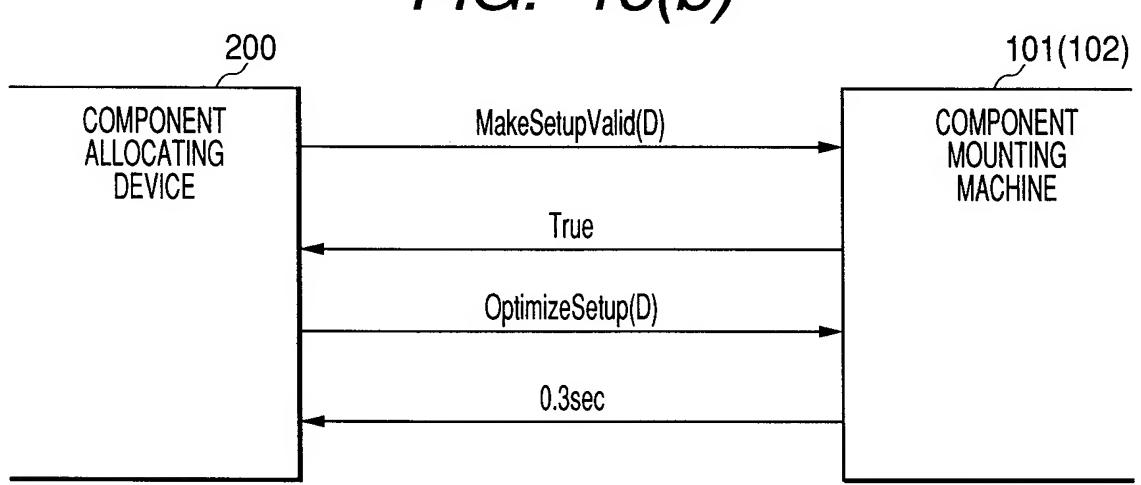


FIG. 16(c)

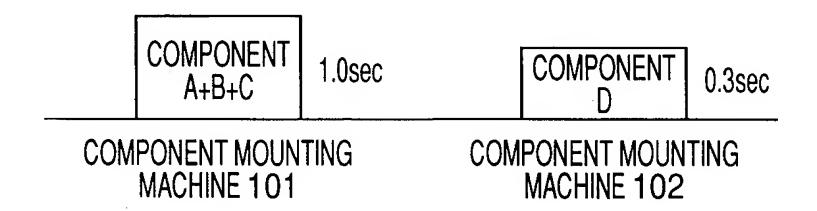
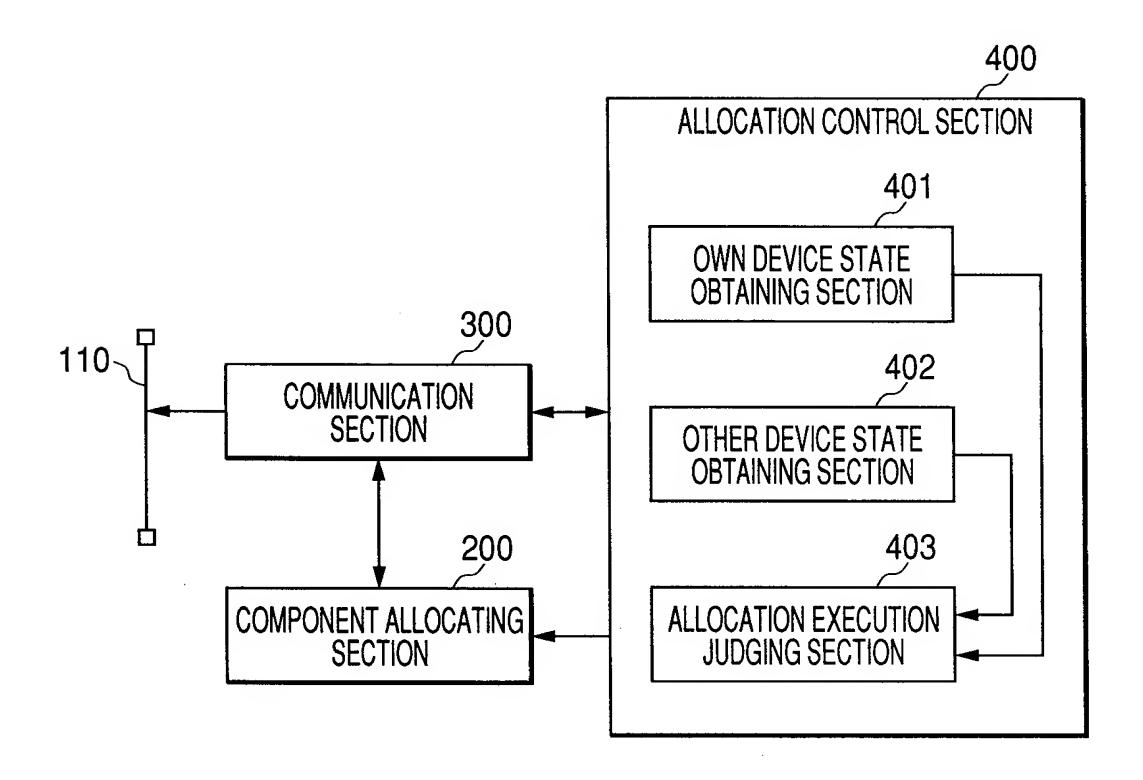
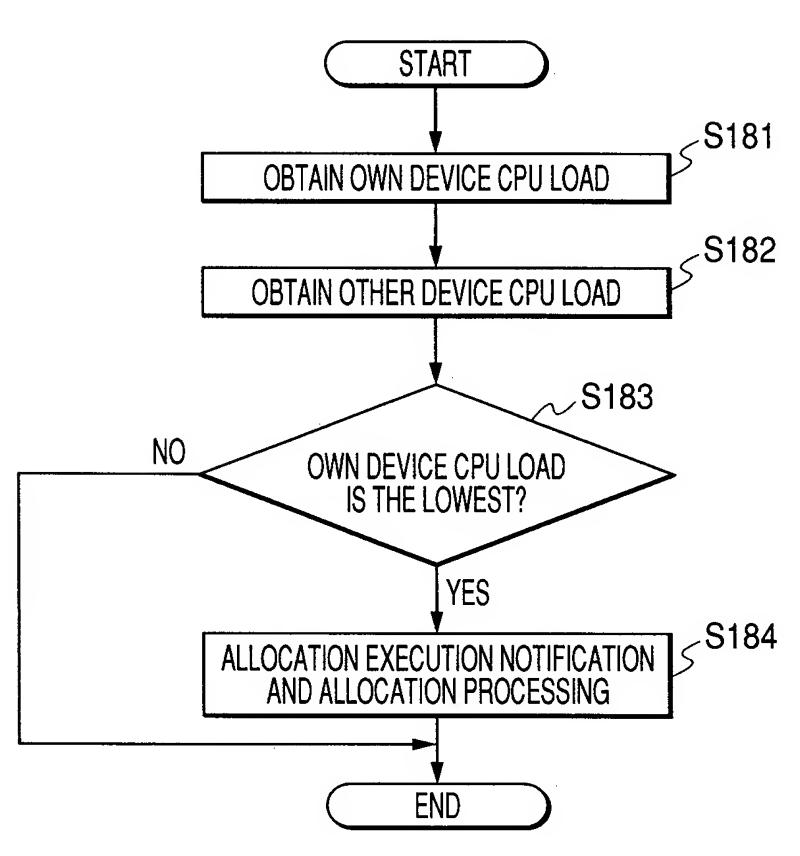


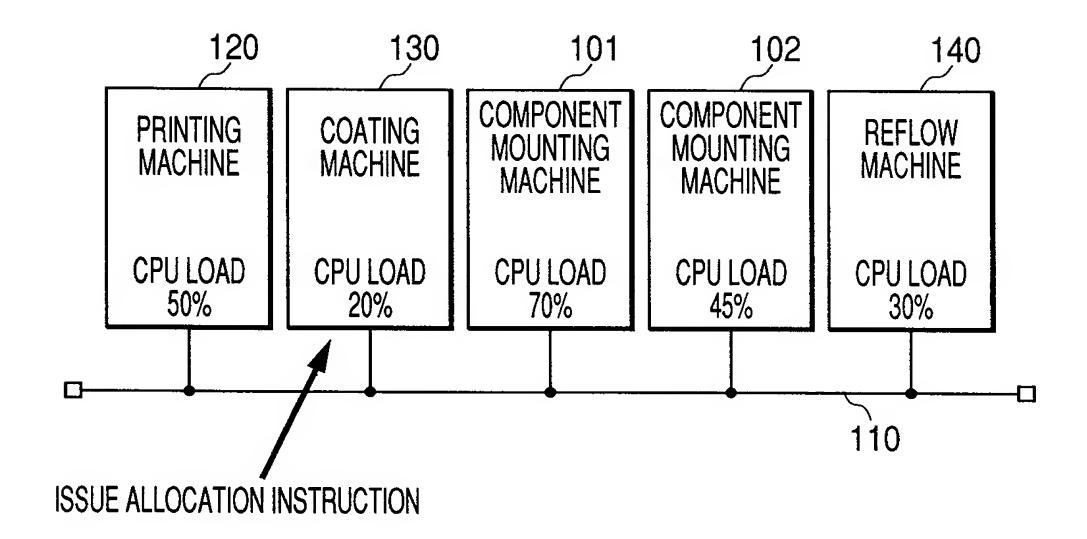
FIG. 17

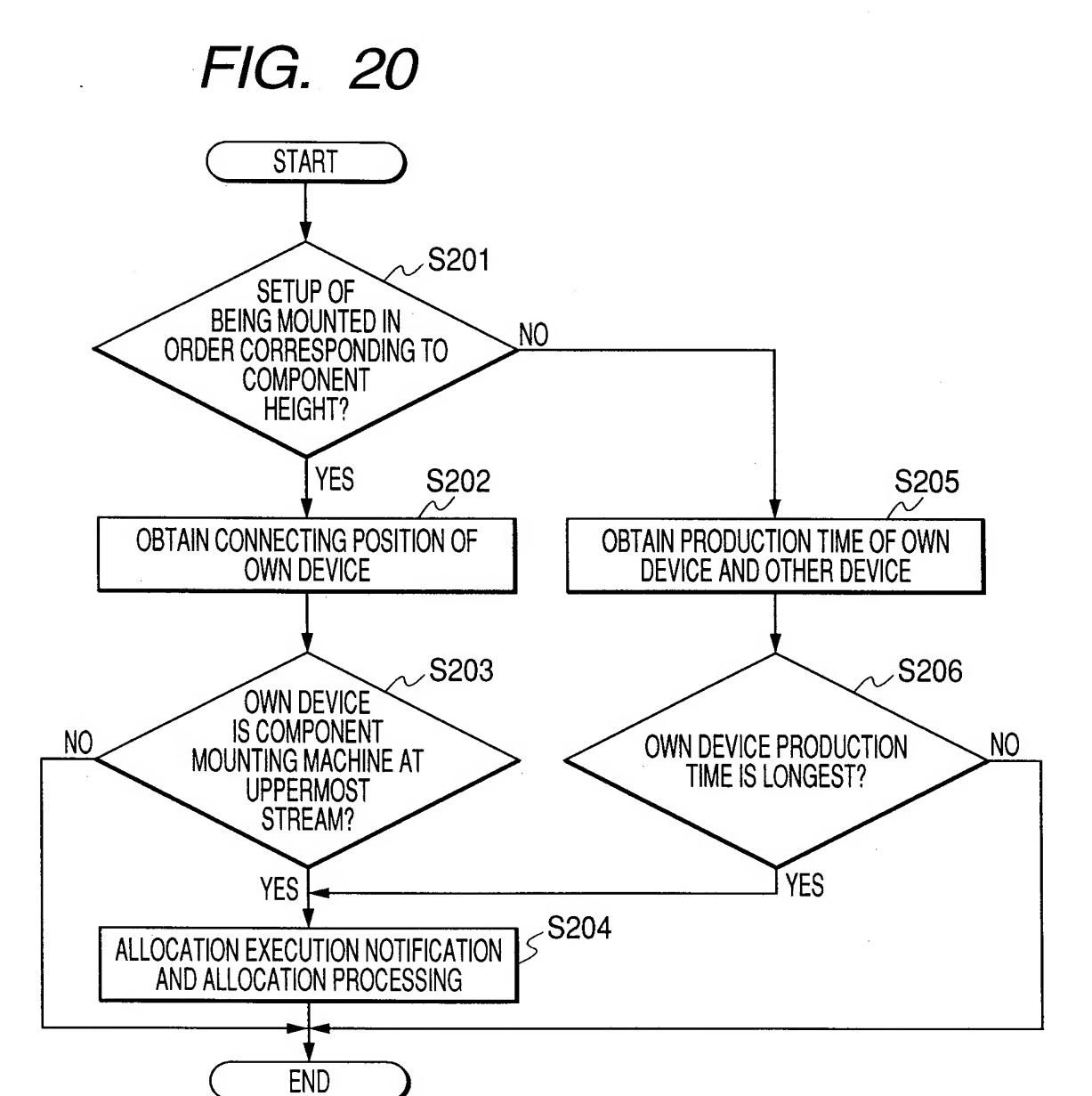






## FIG. 19





## FIG. 21

\*\* THERE IS MOUNTING INSTRUCTION IN ORDER CORRESPONDING TO COMPONENT HEIGHT

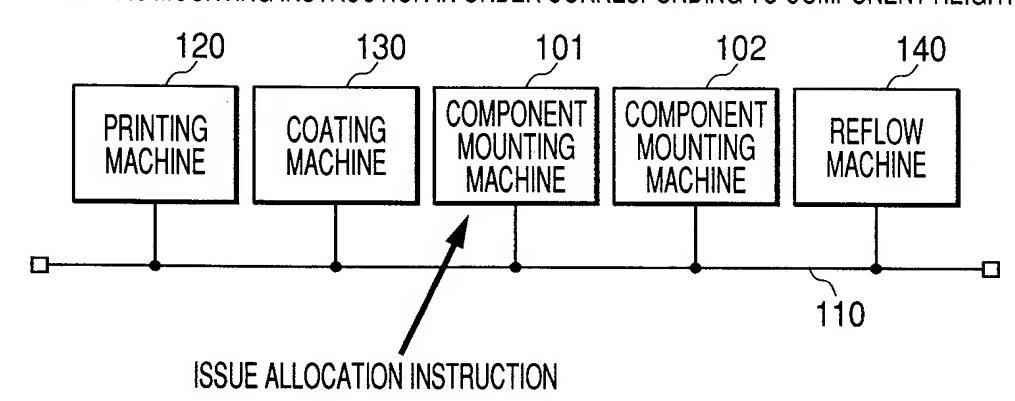


FIG. 22 120 130 101 102 140 COMPONENT COMPONENT PRINTING COATING **REFLOW** MOUNTING MOUNTING MACHINE MACHINE MACHINE MACHINE MACHINE PRODUCTION **PRODUCTION** PRODUCTION PRODUCTION PRODUCTION TIME TIME TIME TIME TIME 20 SECONDS 30 SECONDS 25 SECONDS 40 SECONDS 15 SECONDS 110 ISSUE ALLOCATION INSTRUCTION

FIG. 23

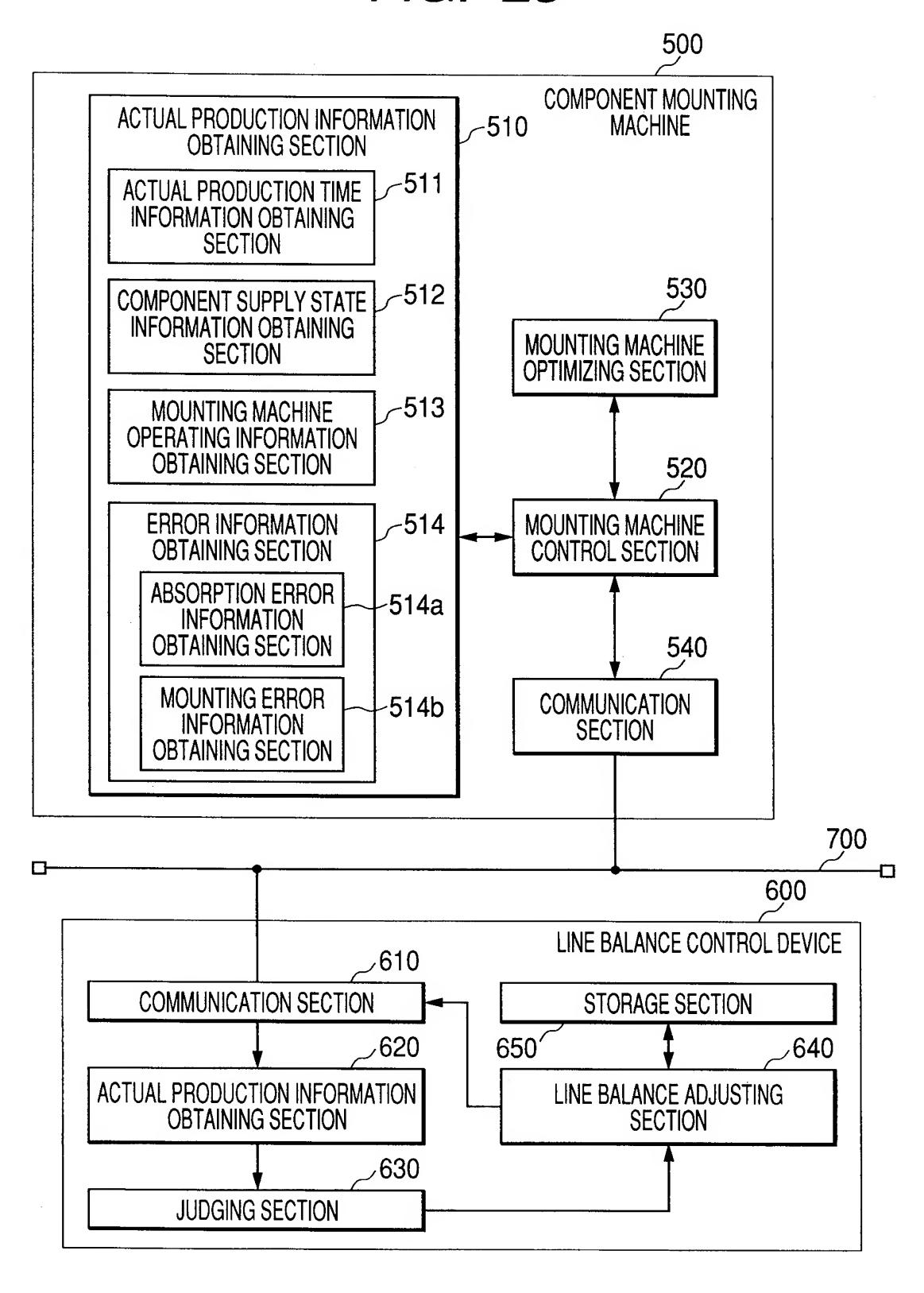
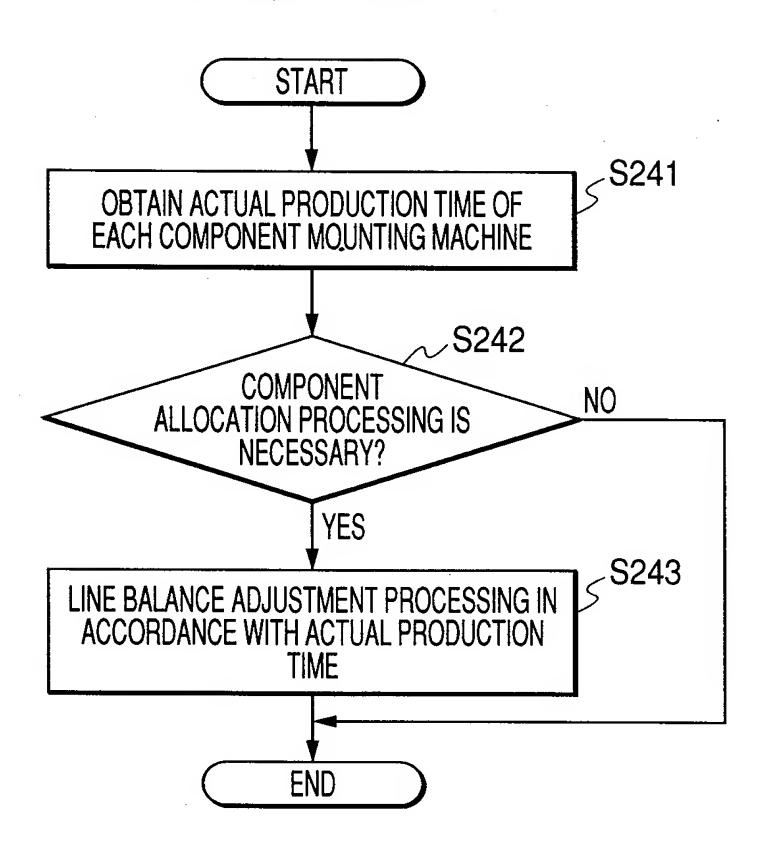
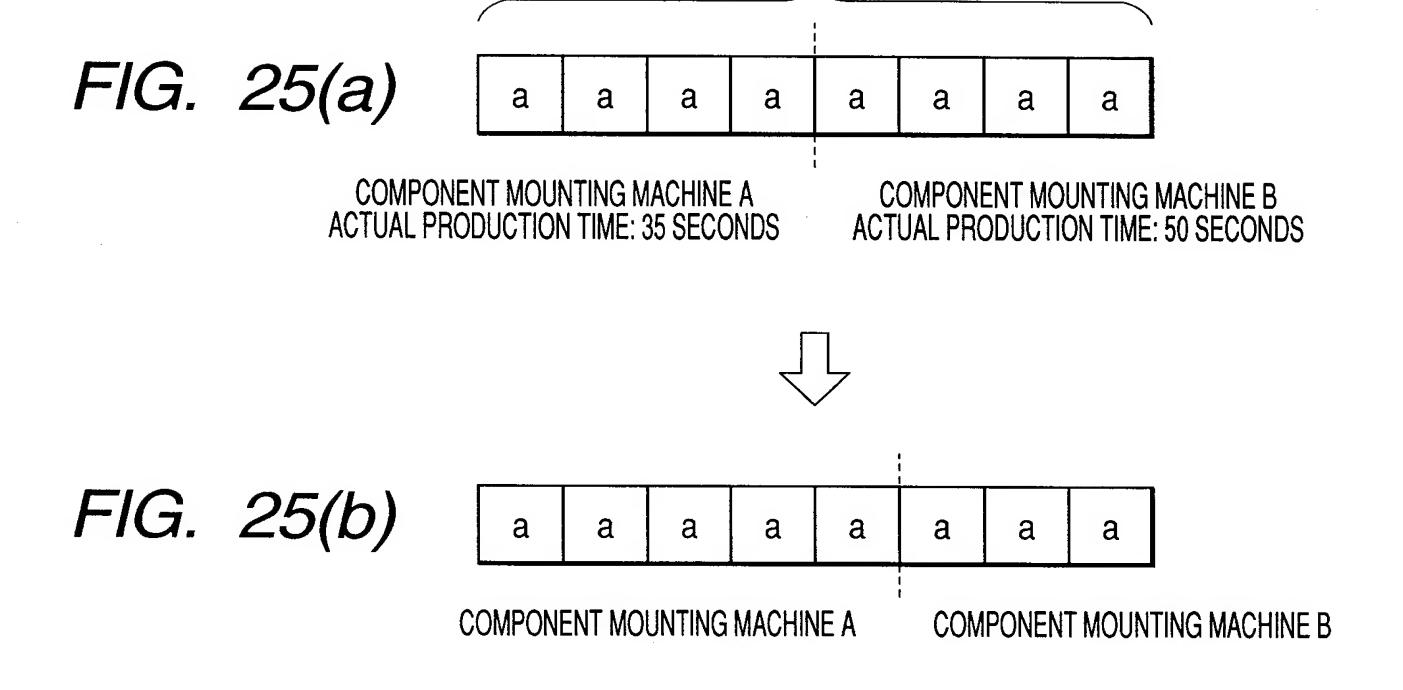


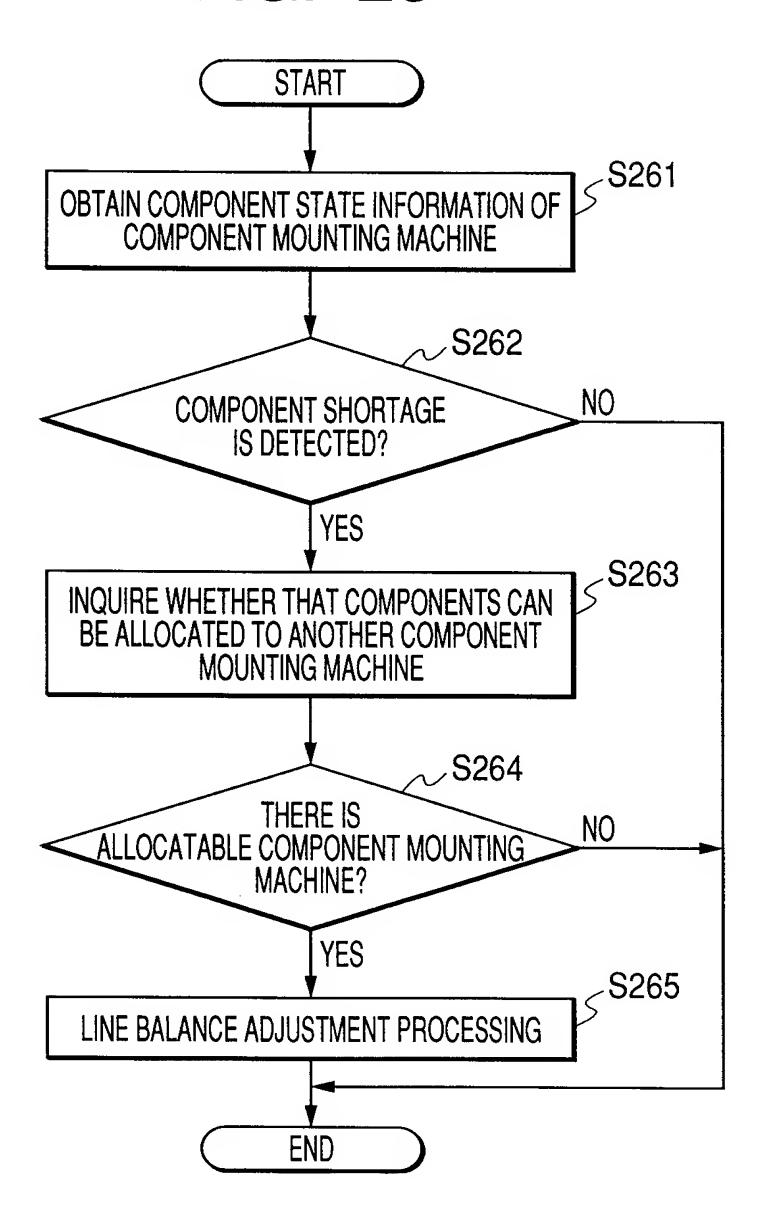
FIG. 24

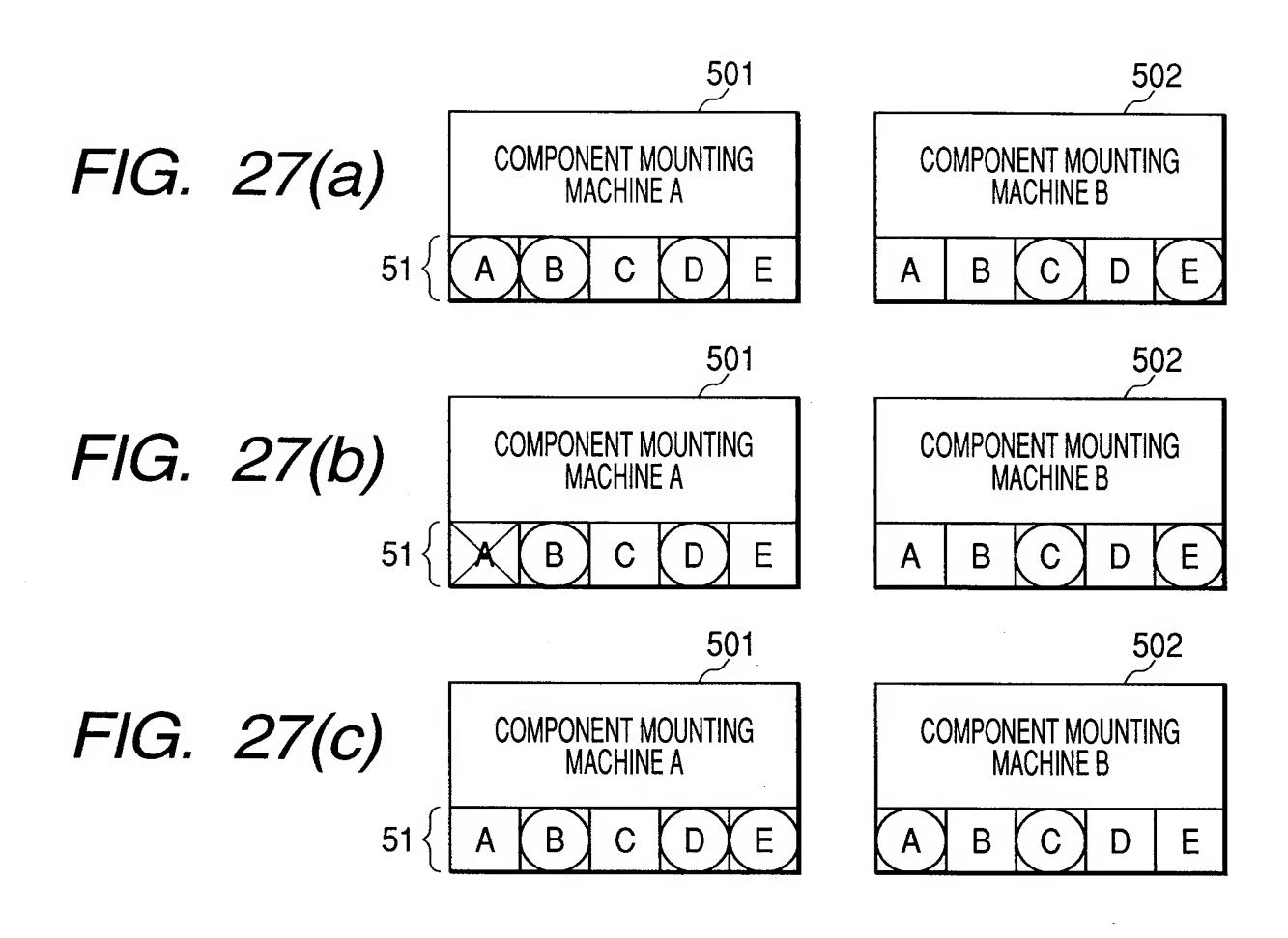


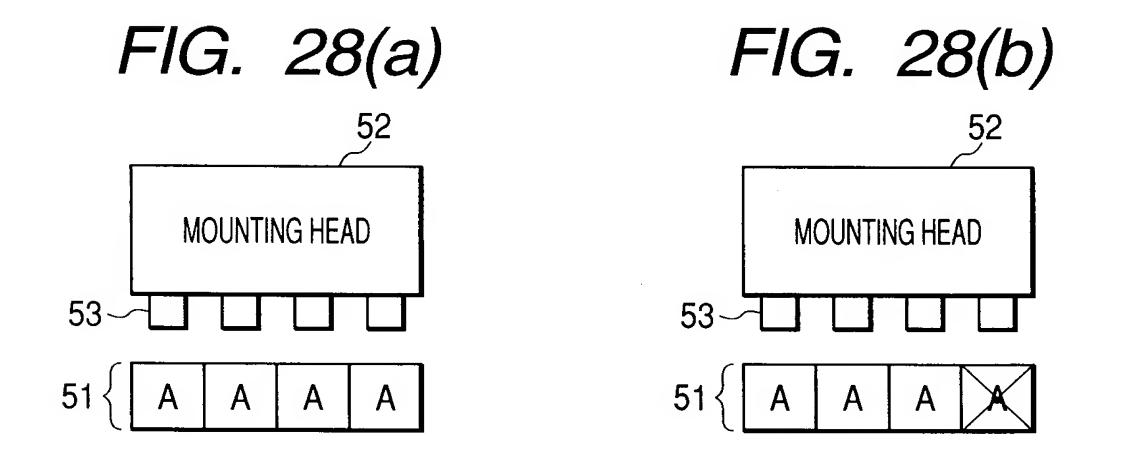


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FIG. 26









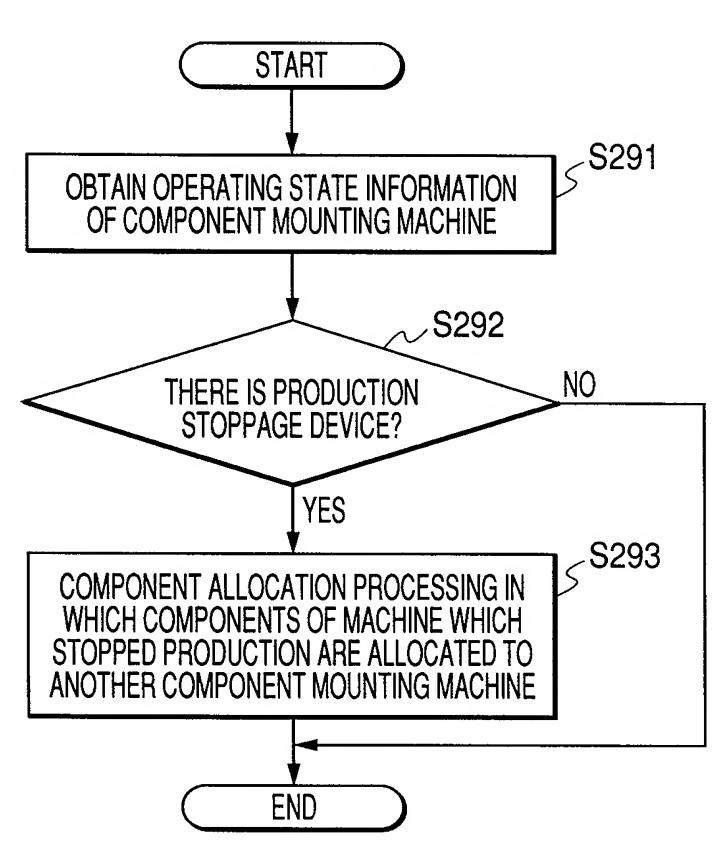


FIG. 30

